



Opening Remarks

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Michigan State University

DØ Collaboration meeting April 22-26, 2002



Announcements: Upcoming dates

H.Weerts

2002:

All "on" weeks

Collaboration meeting dates:

July 8-12: Annual Workshop at Univ. of Oklahoma

Oct 7- 11

Too many collab. Mtgs ?

- Web page up
- Form program committee

Major Conferences & FNAL PAC:

May 24-28: DPF02

June 4-6: Run II Computing Review

June 16-21 : PAC FNAL

June ??? : Run II b Upgrade DOE Review

June 17-23 :SUSY 02 Hamburg

July 24-31: ICHEP Amsterdam



d0workshop.com

Shutdowns planned:

~June 1: + 2weeks

~Sept 30 : + 6 weeks

Abstracts being collected
 Plenary status talks by CDF & DØ
 (see WEB site)

See also D0 calendar.



Status: First theses in 2002

H.Weerts

Saclay & Orsay, Paris April 2002: First Run 2 theses based on data



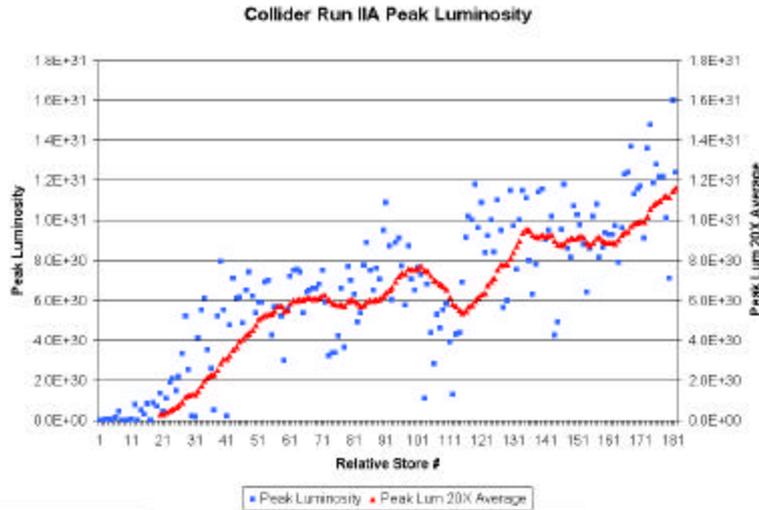
Dr. Fredric Deliot

Dr. Melissa Ridel

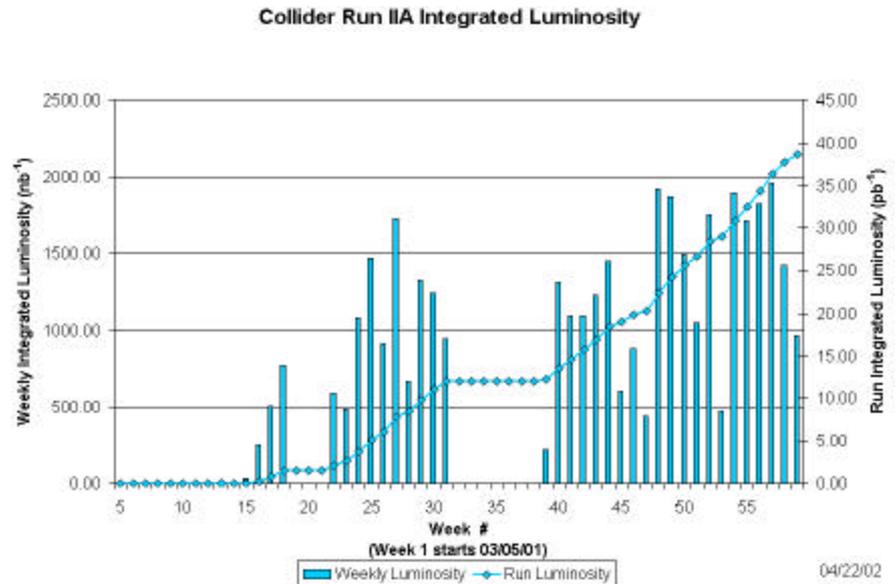


Status:Delivered luminosity

H.Weerts



Available from FNAL
main WEB site

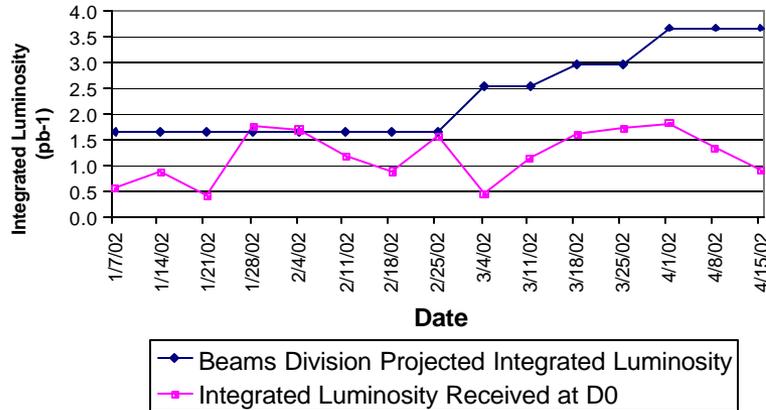




Status:Luminosity: delivered compared to schedule

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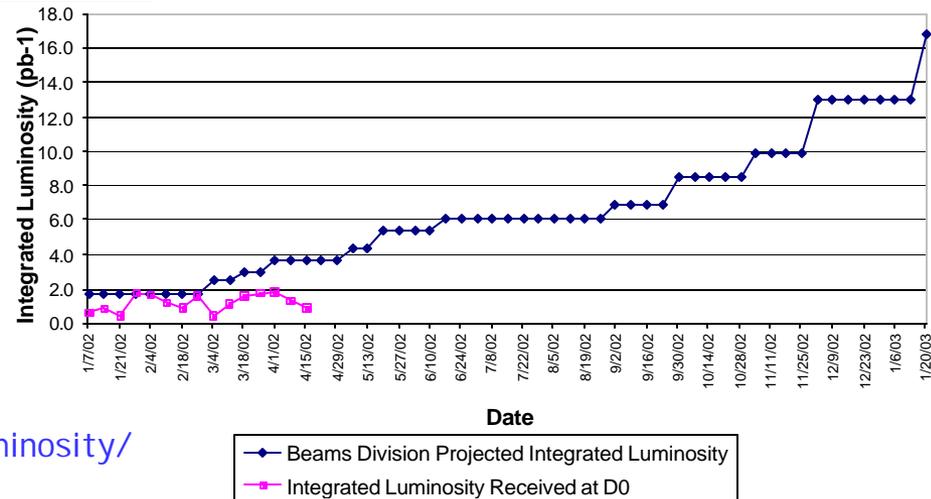
Beams Division Weekly Projected Integrated Luminosity Vs. Weekly Integrated Luminosity Received at DØ



Graphs & spreadsheet are available on DØ Internal Document page.

Weekly updates

Beams Division Weekly Projected Integrated Luminosity Vs. Weekly Integrated Luminosity Received at DØ

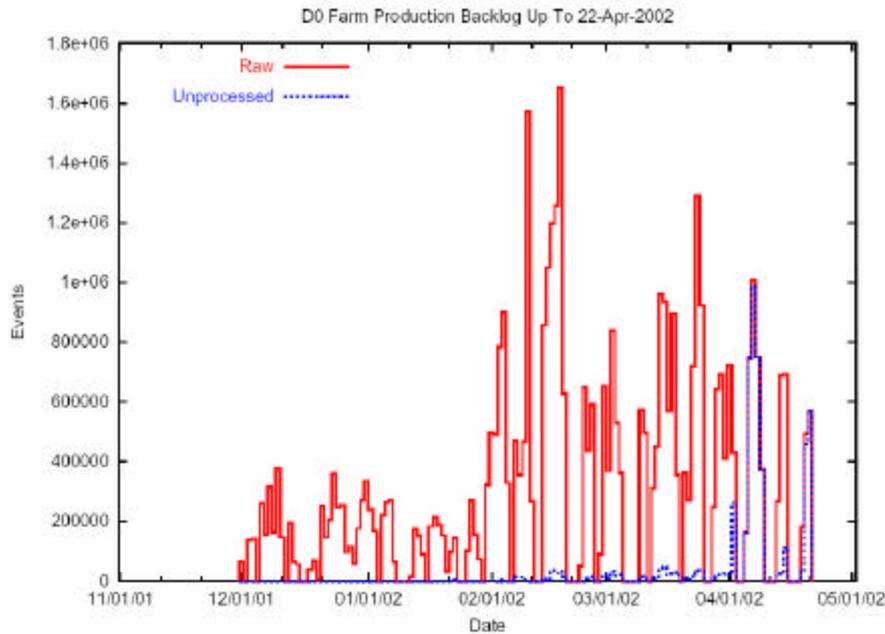
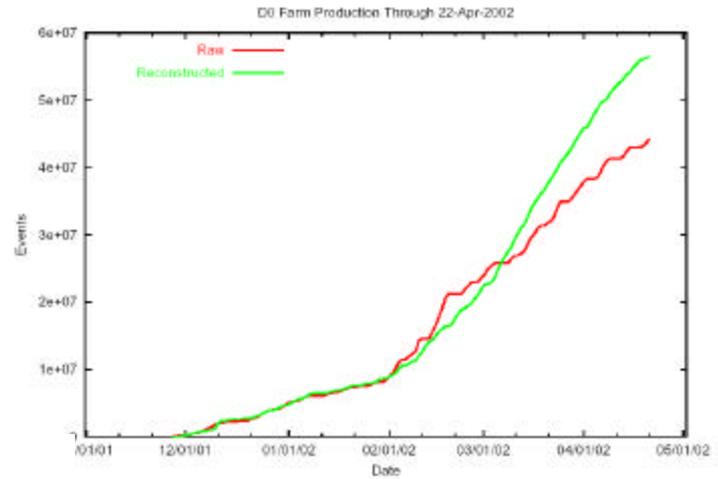


Status also on lum ID home page:
http://www-d0.fnal.gov/phys_id/luminosity/



Status:Offline production

Events received & processed



Backlog of system



Status of experiment: processed data

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http://www-d0.fnal.gov/phys_id/luminosity/

Go to : Processing Status

!!!! YOU HAVE TO DO THIS !!!!



Announcements 2

H.Weerts

Jianming Qian will lead "software & Computing" effort with Amber Boehnlein.

THANKS to Nick Hadley for filling in last 5 months !

Very coarse status given in previous slides: much more in next talk and over next few days

Details from Leslie Groer

In general things are going well and a lot of progress every month (CFT/CPS in terms of AFE: excellent progress)

Preparations for Run I I b increase in intensity

Preparing for Computing Director's review in June

Plan is being written; Internal review being scheduled

Detector Upgrade Scope, Cost & Schedule converging

Oversight dramatically increased; many reviews (PAC.....)

Just completed a "Lehman/DOE" exercise review = Temple review
CDF and DØ coupled

DØ did well

More from Rich Partridge on friday

Large effort in DØ



Announcements 3

H.Weerts

Trigger Workshop → completing Run I I a trigger (lively discussion)
Summary later by R. Lipton (coordinating trigger completion)

Moriond 2002: presented first physics performance results

Moriond preparation: very useful exercise
Froze triggers; established deadlines
Established express stream
Reprocessed data etc

Impression:
Results very
well received

Need to focus on completing to the Run I I a detector/experiment

GOAL:

All systems ready for nominal Run I I a physics
processing by start of October shutdown

This goal has to be met

Develop a set of milestones to achieve this; draft version exist

Converge by end
of next week

Monitor milestones and track progress
in advance

DØ has to change attitude towards
milestones & deadlines



Major DØ Milestones for the next several months (Apr. – Sep. 2002)

To complete detector & get ready for physics

	Detector/Operations	Software/Computing	Physics	Notes
Apr 15	CFT/CPS are instrumented L2 rejecting (single buffer)	← done	Freeze "ICHEP" trigger list	Run 2B Temple review
Apr 22		L3 tracking filters CFT tracking with stereo?	ICHEP physics goals: W/Z cross sections B-tagging w/ vertex Top signal (?)	DØ collaboration meeting Madison Symposium
May 6	Mu L1 CTT matching w/ a single sector	L3MUO operational	Certified objects for ICHEP: e, mu, jet, MET, JES, b, ...	Computing plan internal review
May 15	L2 rejecting (multi buffer)			
May 13		Certified alignment Certified tracks & vertices		
May 20	Multibuffer readout (VRBC mods)	p11 on the farms (Data and MC)		DPF02, Virginia starts 5/24
June 1	CTT working in one sector Cal L1 $\eta < 1.6$		Complete data taking for ICHEP (June 1, 2002)	
Jun 3	FPS fully instrumented		Certified luminosity for ICHEP data	Computing Plan Directors review



	Detector/Operations	Software/Computing	Physics	Notes
Jun 10	Cal L1 (Run2 elec) $\eta < 0.8$		Complete data processing for ICHEP	
Jun 17	Cal L1 $\eta < 2.4$	Stop modifications to p11 Future changes into test releases	Complete express stream reprocessing for ICHEP	
Jun 24	Cal L1 MET, large tiles		Certified objects for p11(?)	Run 2B Lehman review ??
Jul 1			ICHEP Plots approved by physics groups	
Jul 8	CTT fully functional (debug) L2 using CTT		ICHEP talks rehearsals EB approval of ICHEP analyses and talks	Oklahoma Workshop (July 8-12, 2002)
Jul 15	DAQ capable of 1kHz			
Jul 29		p12 on the farms (Data and MC)		ICHEP02 starts July 24
Aug 1	Mu L1 CTT matching w/ p_T thresholds			
Aug 12	Cal L1 I CR+ $\eta < 3.2$ + MET			
Aug 15	STT in mark+pass mode			
Aug 26			Certified objects for p12	

p13 on the farms on Oct. 28

Next Collaboration Meeting on Oct. 7-11, 2002

Discussions & more input over next few days



Last slide

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Need to focus on completing to the Run II a detector/experiment

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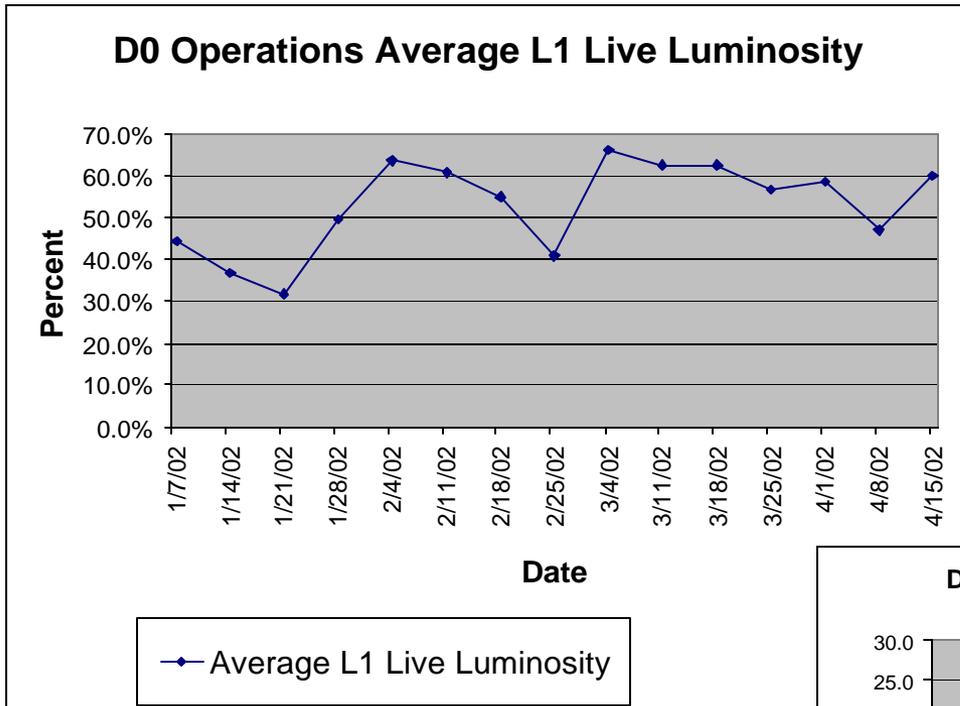
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The End

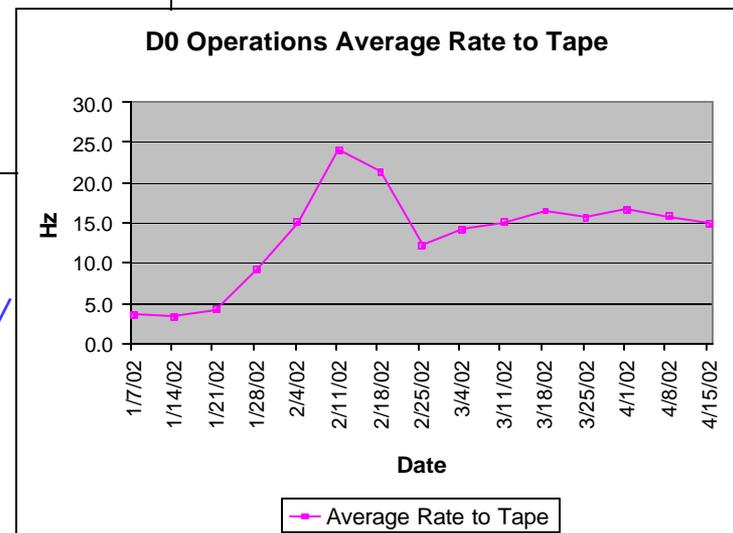


Status: Live fraction and Rate to tape

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Weekly updates



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